

**MODIFICATION OF LUBRICANT PROPERTIES
IN AN OPERATING ALL LOSS LUBRICATING SYSTEM**

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Abstract of the Disclosure

10 A marine diesel engine system includes a diesel engine having a
plurality of cylinders. The system also includes, proximate the engine, a primary
engine lubricant and an additive selected from certain alkylamine-
alkylphosphates, 500 TBN calcium sulfonate and mixtures thereof. A means for
blending the lubricant and additives into a mixture for introduction into a
15 cylinder is provided. Thus lubricant properties may be modified depending upon
engine conditions.